

COMPLETE LISTING OF ALL CLAIMS IN THE APPLICATION

Cancel claims 1-3, 5-23, 25 and 28, 29, and 33-35.

1. (Canceled)

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Canceled)

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (Canceled)

24. (Canceled)

25. (Canceled)

27. (Canceled)

28. (Canceled)

29. (Canceled)

30. (Currently amended) A process for the production of triacylglycerol, comprising growing a transgenic cell or transgenic organism according to claim 16 which contains a nucleotide sequence SEQ ID NO: 1 from S. cerevisiae or a DNA encoding SEQ ID NO: 2, such as 95% identical to SEQ ID NO: 1 under conditions whereby a nucleotide sequence encoding an enzyme is expressed, in which the said enzyme catalyzes in an acyl-CoA-independent reaction the transfer of fatty acids from phospholipids to diacylglycerol in the biosynthetic pathway for the production of triacylglycerol ~~is expressed and whereby said transgenic cells comprising~~ comprises an enzyme ~~catalyzing which catalyzes~~ in an acyl-CoA-independent reaction the transfer of fatty acids from phospholipids to diacylglycerol in the biosynthetic pathway for the production of triacylglycerol.

31. (Currently amended) A method of producing triacylglycerol and/or triacylglycerol with uncommon fatty acids which comprises transforming an organism or host cell using the nucleotide sequence of claim 7 SEQ ID NO: 1 from S. cerevisiae or a DNA encoding SEQ ID NO: 2, such as 95% identical to SEQ ID NO: 1, whereby the transformation results in an altered, preferably, increased oil content of the cell or organism.
32. (Currently amended) A method of producing triacylglycerol and/or triacylglycerols with uncommon fatty acids using comprising transfected a cell or organism with the nucleotide of sequence SEQ ID NO: 1 from S. cerevisiae or a DNA encoding SEQ ID NO: 2, such as 95% identical to SEQ ID NO: 1 of claim 7.